

Abstract of the Disclosure

Isolated polynucleotide molecules and peptides encoded by these molecules are used in the analysis of human norepinephrine (NE) transporter variants, as well as in diagnostic and therapeutic applications, relating to a

5 human NE transporter polymorphism. By analyzing genomic DNA or amplified genomic DNA, or amplified cDNA derived from mRNA, it is possible to type a human NE transporter with regard to the human NE transporter polymorphism, for example, in the context of diagnosing and treating NE transport impairments, and disorders associated with NE transport impairments, such as

10 orthostatic intolerance.